IAP15 Rec'd PCT/PTO 21 SEP 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES		ATTORNEY'S DOCKET NUMBER 4623-062133			
	DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 17.03.2005 (Mach 17. 2005)		U.S. APPLICATION NO. ([#known, see 37 CFR 1.5)		
INTERNA			PRIORITY DATE CLAIMED		
		17.03.2005 (Mach 17, 2005)	31.03.2004 (March 31, 2004)		
TITLE OF INVENTION PLASMA TORCH SPECTROMETER					
APPLICANT(S) FOR DO/EO/US Geoffrey Mark CONDICK					
Applicant	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
1. 🔽	1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.				
	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.				
This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4. 🔽	The US has been elected (Article 31).				
-5. 📝	A copy of the International Applicatio	n as filed (35 U.S.C. 371(c)(2))			
	a. is attached hereto (required	d only if not communicated by the Internatio	nal Bureau).		
	b. has been communicated by	y the International Bureau.			
	c. is not required, as the appli	ication was filed in the United States Receiv	ring Office (RO/US).		
6.	An English language translation of th	ne International Application as filed (35 U.S.	C. 371(c)(2)).		
	a. is attached hereto.				
	b. has been previously submitted under 35 U.S.C. 154(d)(4).				
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))				
	a. are attached hereto (required only if not communicated by the International Bureau).				
	b. have been communicated	by the International Bureau.			
	c. have not been made; how	vever, the time limit for making such amend	ments has NOT expired.		
	d. 🗹 have not been made and will not be made.				
8. 🔲	. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).				
9. 🗸	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).				
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).				
Items	11 to 20 below concern document(s	s) or information included:			
11.	An Information Disclosure Statement	t under 37 CFR 1.97 and 1.98.			
12. 🗸	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.				
13.	A preliminary amendment.				
14.	An Application Data Sheet under 37 CFR 1.76.				
15.	A substitute specification.				
16.	A power of attorney and/or change of address letter.				
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.				
18.	A second copy of the published Inter	mational Application under 35 U.S.C. 154(d)(4).		
19.	A second copy of the English langua	age translation of the international applicatio	on under 35 U.S.C. 154(d)(4).		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Page 1 of 3 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IAP9/Rec'd PCT/PTO 21 SEP 2006.

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

u.s. application no	1/5 93 0 Prication No. of known see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/AU2005/000388		PLICATION NO.	4623-062133		
10/2/						· · · · · · · · · · · · · · · · · · ·
20. Other items of	o, anomation.					
The following f	food house book submitted			CALCIII	LATIONS	PTO USE ONLY
	fees have been submitted nal fee (37 CFR 1.492(a))		\$300	\$	00.00	1100000
22. Examination fee (37 CFR 1.492(c))						
If the written opinion prepared by ISA/US or the international preliminary examination report prepared				\$ 20	00.00	:
by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)						
23.				_		
IPEA/US indicat	the ISA/US or the Internationa tes all claims satisfy provision	s of PCT Article 33(1)-(4)	\$0	e 44	00.00	
-Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$ 40	00.00	
previously comm	port prepared by an ISA other nunicated to the US by the IB.		\$400			
All other situations			\$500	\$ 9	00.00	
	L OF 21, 22 and 23 = pecification and drawings filed	in paper over 100 sheets (ex	cluding	Ъ 9	00.00	
sequence listing	g in compliance with 37 CFR 1 um) (37 CFR 1.492(j)).				:	
	for each additional 50 sheets	of paper or fraction thereof.	1			
Total Sheets Extra		dditional 50 or fraction p to a whole number)	RATE			
- 100 =	/50 =		x \$250	\$	0	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			oath or declaration	\$	0	
CLAIMS NUMBER FILED NUMBER EXTRA RATE		RATE	\$			
Total claims	11 - 20 =	0	× \$ 50	\$	0	
Independent claims	1 -3=	0	x \$200	\$	0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360				\$	0	
TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					00.00 50.00	
SUBTOTAL =					50.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest				\$	0	
claimed priority date (37 CFR 1.492(i)). + TOTAL NATIONAL FEE =					50.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied						
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	40.00	
TOTAL FEES ENCLOSED =					90.00	
				Amount refunded		\$
				Amount charged		\$

10/593605

AP9/RCC PC/PO 21 SEP 2006

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

d. D	A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any a Account No. 23-0650 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information in the included on this form. Provide credit card information.	additional fees which ret is enclosed. formation on this formation and authorization has not been met, a p	to cover the above fees. may be required, or credit any overpayment to Deposit may become public. Credit card information should not
Richard The We 700 Ko 436 Sev Pittsbur Telepho	LL CORRESPONDENCE TO: 1 L. Byrne bb Law Firm ppers Building yenth Avenue rgh, PA 15219-1845 one: (412) 471-8815 ile: (412) 471-4094		SIGNATURE Richard L. Byrne NAME 28,498 REGISTRATION NUMBER

PATENT APPLICATION/PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:	ATTORNEY'S DOCKET NUMBER
Geoffrey Mark CONDICK	4623-062133
PCT/AU2005/000388	
ENTITLED	
"PLASMA TOR	CH SPECTROMETER"

To MAIL STOP PCT
Attention: DO/EO/US
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" Label	Number .	EV908694299US
Date of Deposit	Septer	nber 21, 2006

I hereby certify that the following attached papers or fees

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER
35 U.S.C. 371 (original and two (2) copies) and
check in amount of \$490.00 for filing fee and recording fee for Assignment
DECLARATION AND POWER OF ATTORNEY (3 pp.)
LETTER ADDING ABSTRACT TO APPLICATION
RECORDATION FORM COVER SHEET (1 p.) with ASSIGNMENT (1 p.)
WO 2005/096681 - FRONT PAGE with ABSTRACT, SPECIFICATION,
CLAIMS, DRAWINGS and SEARCH REPORT (15 pp.)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450.

Nora Ann Pastrick		
(Typed name of person mailing paper or fee)		
71 1 -0		
(Signature of person mailing paper or fee)		
(Signature of person mailing paper or fee)		

Customer No. 28289

Application No. Not Yet Assigned Paper Dated: September 21, 2006 In Reply to USPTO Correspondence of N/A Attorney Docket No. 4623-062133

IAP9/Rec'd PCT/PTO 21 SEP 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit

Not Yet Assigned

Application No.

Not Yet Assigned

Applicant

Geoffrey Mark CONDICK

Received

September 21, 2006

Title

PLASMA TORCH SPECTROMETER

Customer Number

28289

MAIL STOP PCT

COMMISSIONER FOR PATENTS P. O. Box 1450 Alexandria, VA 22313-1450

ADDING ABSTRACT OF THE DISCLOSURE

Sir:

Prior to initial examination, please insert the attached Abstract Of The Disclosure to the application.

Respectfully submitted,

THE WEBB LAW FIRM

Richard L. Byrne

Registration No. 28,498 Attorney for Applicant 700 Koppers Building 436 Seventh Avenue

Pittsburgh, Pennsylvania 15219 Telephone: 412-471-8815 Facsimile: 412-471-4094

E-mail: webblaw@webblaw.com